BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Improvements to main & Cross road at Kodhandaramaswamy Temple back side area & Kammagondanahalli in Ward No.12, Shettyhalli Sub Division.

Est. Cost Rs 49.97 Lakhs

Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in Hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2013-14								
	Kodhandarama swamy temple back side								
	Raghavendra Layout 8th Cross		1	127.00	0.60	0.60	45.72		
	7th Cross		1	130.00	0.60	0.60	46.80		
	7th A Cross		1	68.00	4.50	0.30	91.80		
	7th B Cross		1	68.00	4.50	0.30	91.80		
	7th C Cross		1	65.00	5.00	0.30	97.50		
	8th Main Road Sreerama Badavane		1	307.00	0.60	0.60	110.52		
	4th Cross 9th main		1	39.00	0.60	0.60	14.04		
	4th Cross 11th main		1	56.00	0.60	0.60	20.16		
	3rd cross 11th main		1	66.00	0.60	0.60	23.76		
	9th Main Road		1	185.00	0.60	0.60	66.60		
	7th C Cross		1	51.00	5.50	0.60	168.30		
	7th B Cross		1	36.00	5.50	0.60	118.80		
	Cross Road		1	120.00	5.50	0.30	198.00		
	Damaged Portion		1	35.00	2.90	0.30	30.45		
	Damaged Portion		1	42.00	2.70	0.30	34.02		
	Damaged Portion		1	52.00	2.50	0.30	39.00		
	Damaged Portion		1	25.00	2.50	0.30	18.75		
	Damaged Portion		1	38.00	2.50	0.30	28.50		
	Damaged Portion		1	45.00	2.50	0.30	33.75		
	Damaged Portion		1	48.00	3.00	0.30	43.20		
							1321.47	177.12	**234059.00**
	Basic Rate	164.00							
	Add Area Weightage 8%	13.12							
	Total	**177.12**							
2	KSRB-2.6: Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. Specification No. KBS 2.10.2. Page No. 6/ Item No. 2.13/ PWD SR 2013-14								
		Cum	1	127.00	0.60	0.40	30.48		
			1	130.00	0.60	0.40	31.20		
			1	307.00	0.60	0.40	73.68		
			1	39.00	0.60	0.40	9.36		
			1	56.00	0.60	0.40	13.44		
			1	66.00	0.60	0.40	15.84		
			1	185.00	0.60	0.40	44.40		
							218.40	1760.40	**384471.00**
	Basic Rate	1630.00							
	Add Area Weightage 8%	130.40							
	Total	**1760.40**							

3	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 5/ Item No. 21.2/ PWD SR 2013-14								
		Sqm	1	127.00	4.50		571.50		
			1	130.00	5.50		715.00		
			1	307.00	5.00		1535.00		
			1	39.00	4.50		175.50		
			1	56.00	4.50		252.00		
			1	66.00	4.50		297.00		
			1	185.00	4.00		740.00		
							4286.00	2.59	**11109.00**
	Basic Rate	2.40							
	Add Area Weightage 8%	0.19							
	Total	**2.59**							
4	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications. MORTH Specification No. 406 Page No. 170/ Item No. 20.18/ PWD SR 2013-14								
		Cum	1	127.00	0.60	0.25	19.05		
			1	130.00	0.60	0.25	19.50		
			1	68.00	4.50	0.25	76.50		
			1	68.00	4.50	0.25	76.50		
			1	65.00	5.00	0.25	81.25		
			1	307.00	0.60	0.25	46.05		
			1	39.00	0.60	0.25	5.85		
			1	56.00	0.60	0.25	8.40		
			1	66.00	0.60	0.25	9.90		
			1	185.00	0.60	0.25	27.75		
			1	51.00	5.50	0.25	70.13		
			1	36.00	5.50	0.25	49.50		
			1	120.00	5.50	0.25	165.00		
			1	35.00	2.90	0.25	25.38		
			1	42.00	2.70	0.25	28.35		
			1	52.00	2.50	0.25	32.50		
			1	25.00	2.50	0.25	15.63		
			1	38.00	2.50	0.25	23.75		
			1	45.00	2.50	0.25	28.13		
			1	48.00	3.00	0.25	36.00		
							845.10	1121.04	**947390.90**
	Basic Rate	1038.00							
	Add Area Weightage 8%	83.04							
	Total	**1121.04**							
5	KSRRB M500-24.1. Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder laid on prepared surface and rolling with 8-10 Tonne smooth wheeled steel roller complete as per Specifications. Case -1: 19 mm nominal chipping size. MORTH Specification No. 510 Page No. 180/ Item No. 21.28/ PWD SR 2013-14								
		Sqm	1	127.00	0.60		76.20		
			1	130.00	0.60		78.00		
			1	68.00	4.50		306.00		
			1	68.00	4.50		306.00		
			1	65.00	5.00		325.00		
			1	307.00	0.60		184.20		
			1	39.00	0.60		23.40		

			1	56.00	0.60		33.60		
			1	66.00	0.60		39.60		
			1	185.00	0.60		111.00		
			1	51.00	5.50		280.50		
			1	36.00	5.50		198.00		
			1	120.00	5.50		660.00		
			1	35.00	2.90		101.50		
			1	42.00	2.70		113.40		
			1	52.00	2.50		130.00		
			1	25.00	2.50		62.50		
			1	38.00	2.50		95.00		
			1	45.00	2.50		112.50		
			1	48.00	3.00		144.00		
							3380.40	97.20	**328575.00**
	Basic Rate	90.00							
	Add Area Weightage 8%	7.20							
	Total	**97.20**							
6	KSRRB M500-11: Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75 mm compacted thickness with 3.3% bitumen but excluding cost of primer/ tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 176/ Item No. 21.11/ PWD SR 2013-14									
		Cum	1	127.00	0.60	0.05	3.81		
			1	130.00	0.60	0.05	3.90		
			1	307.00	0.60	0.05	9.21		
			1	39.00	0.60	0.05	1.17		
			1	56.00	0.60	0.05	1.68		
			1	66.00	0.60	0.05	1.98		
			1	185.00	0.60	0.05	5.55		
			1	35.00	2.90	0.05	5.08		
			1	42.00	2.70	0.05	5.67		
			1	52.00	2.50	0.05	6.50		
			1	25.00	2.50	0.05	3.13		
			1	38.00	2.50	0.05	4.75		
			1	45.00	2.50	0.05	5.63		
			1	48.00	3.00	0.05	7.20		
	Basic Rate	6154.00					**65.25**	6646.32	**433639.15**
	Add Area Weightage 8%	492.32							
	Total	**6646.32**							
7	KSRRB M500-10: Tack coat:- Providing and laying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/Granular surface cleaned with mechanical broom. Complete as per specifications. MORTH Specification No. 503.								
		Sqm	1	127.00	4.50		571.50		
			1	130.00	5.50		715.00		
			1	307.00	5.00		1535.00		
			1	39.00	4.50		175.50		
			1	56.00	4.50		252.00		
			1	66.00	4.50		297.00		
			1	185.00	4.00		740.00		
							4286.00	11.99	**51381.00**
	Basic Rate	11.10							
	Add Area Weightage 8%	0.89							
	Total	**11.99**							

8	KSRRB M500-18: Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. Page No. 178/ Item No. 21.20/ PWD SR 2013-14								
			1	127.00	4.50	0.03	17.15		
			1	130.00	5.50	0.03	21.45		
			1	68.00	4.50	0.03	9.18		
			1	68.00	4.50	0.03	9.18		
			1	65.00	5.00	0.03	9.75		
			1	307.00	5.00	0.03	46.05		
			1	39.00	4.50	0.03	5.27		
			1	56.00	4.50	0.03	7.56		
			1	66.00	4.50	0.03	8.91		
			1	185.00	4.00	0.03	22.20		
			1	51.00	5.50	0.03	8.42		
			1	36.00	5.50	0.03	5.94		
			1	120.00	5.50	0.03	19.80		
				1318.00			**190.85**	9631.44	**1838112.00**
	Basic Rate	8918.00							
	Add Area Weightage 8%	713.44							
	Total	**9631.44**							
9	Carriage of mixed materials 10kms for item of sl. No. (1) Rs. 5.20 per cum/km for item No of Sl no.1, c) rs 5.20 per cum/km page No.186, PWD SR-2013-14								
	Qty vide item No.6 + 8						**256.09**	56.16	**14382.00**
	Basic Rate	52.00							
	Add Area Weightage 8%	4.16							
	Total	**56.16**							
10	KSRRB M800-13. Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and lying of hot applied Thermoplastic Compound 2.5mm thick including Reflectrising Glass Beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. Page No. 197/ Item No. 24.15/ PWD SR 2013-14								
	Lane Line	Sqm	2	1318.00	0.10		263.60		
							263.60	463.22	**122104.79**
	Basic Rate	437.00							
	Add Area Weightage 6%	26.22							
	Total	**463.22**							
11	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10km a) Basic rate for haulage of materials as per item no. 17.4/KSRRB:M100-4.1.....Rs. 2.00 Tonne/km b) Average earth work 1.28 Tonne/km for Rs. 2.00/Km c) Add loading and unloading item no. 17.1 KSRRB M100-1 Rs. 62.20 (P.150, Item no. 18.57/1, PWD SR 2013-14)								
	Qty vide item No.1						**1321.47**	72.71	**96078.00**

	Rs 2.5 x 1.28 x 2 kms)	5.12						
	Loading and Unloading Charges	62.20						
		67.32						
	Area Weightage 8%	5.39						
	Total	72.71						
12	Miscellaneous and other unforseen charges							
							Total	4999000

(Rupees Fortynine Lakhs Ninetynine Thousand Only)

4,46,130.84

Amount Brought Forward Rs. 4,99,585.00

Add tender premium — 10+1% (2) Rs(+) 49,958.50

Add 1% QC test charges (2) Rs(+) 1,498.76 34,000.00

Misc & Contigunc charges (A) Rs(+) 34,000.00

Grand total: Rs 4997000/-

Seven

4,97,000/-

CERTIFICATE

1. [illegible] are executed and the work found to be necessary
2. [illegible] entered as per the PWD S.R of 2013-14
3. [illegible] the are adequate and essential
4. [illegible] BBMP limits

Asst. Engineer
Ward No. [illegible]

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. JC(DH) AS/795/13-14 A/S
ದಿನಾಂಕ : 18/02/14
ರೂ. 49.97 Lakhs (Rupees Forty-Nine Lakhs Ninety-seven thousand only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
Page No. 149
Sl. No. 795
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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ದಿನಾಂಕ :
ರೂ.....
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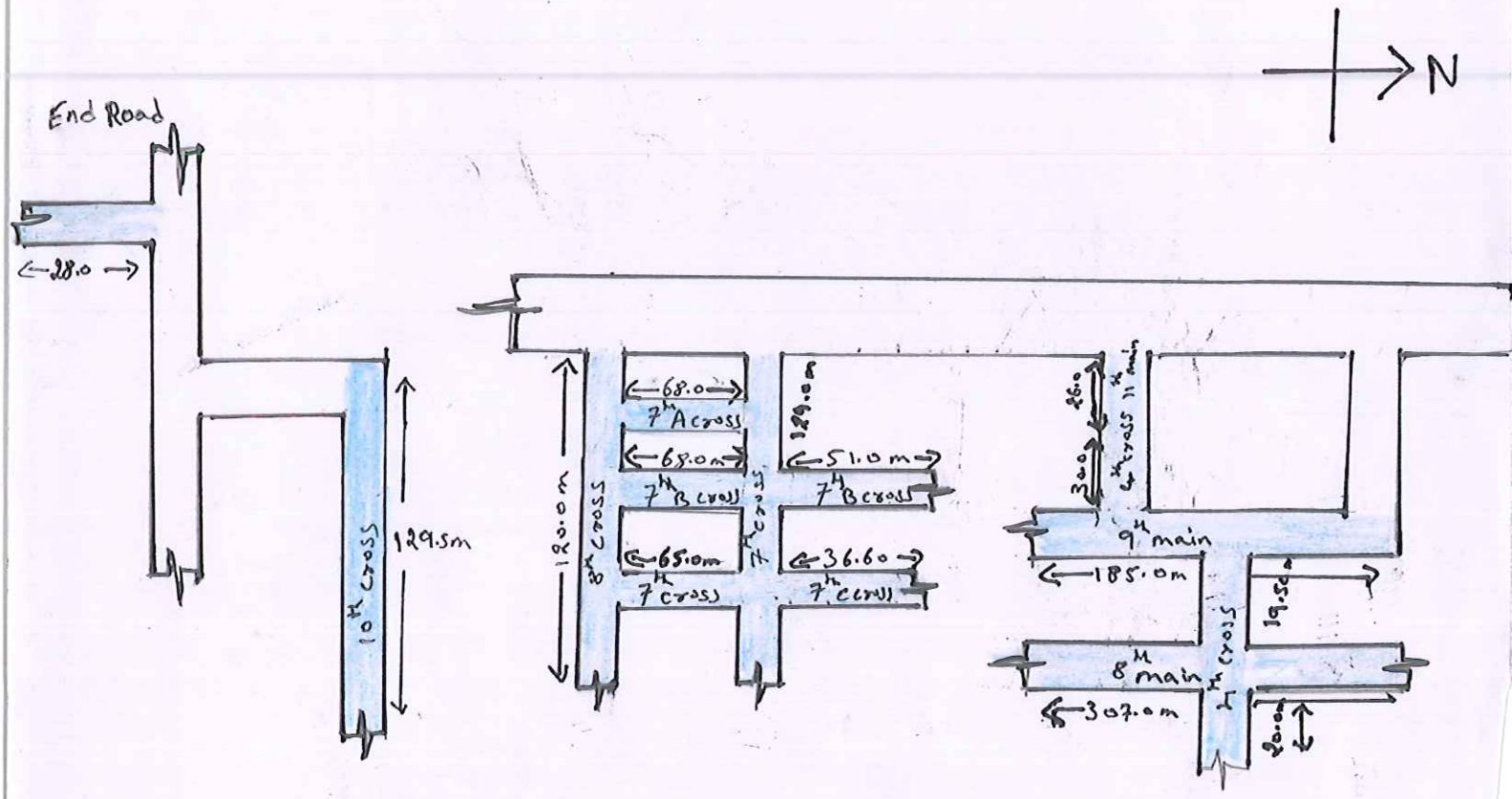
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. 33/13-14/Pg 58
ದಿನಾಂಕ : 20/02/2014.
ರೂ. 4997000.00/- (Rs: Forty nine Lakhs ninty seven thousands only.
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು.
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name of work:- Improvements to main road & cross roads of Kodandaramaswamy Temple back side road & Kammagondanahalli in Ward No 12 Shettyhalli Sub-Division.



Road. N.H.
AE W-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು